PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO

## ANFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/888,677					
Filing Date	June 25, 2001					
First Named Inventor	SushilKumar Gangadharan					
Group Art Unit	2171					
Examiner Name	Not Yet Assigned					
Attorney Docket Number	112056-0009					

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				U.S. PATENT DOCUMENT	rs	
Examiner Initials *			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
m		5,163,131	1	Edward J. Row et al.	11/10/1992	****
ww		5,355,453	1	Edward J. Row et al.	10/11/1994	
22		5,485,579		David Hitz et al.	01/16/1996	
NM		5,802,366		Edward John Row et al.	09/01/1998	
NN		5,931,918		Edward John Row et al.	08/03/1999	RECEIVE
~~		5,941,972		Geoffrey B. Hoese et al.	08/24/1999	- 11EOFIAGI
NN		6,065,037		David Hitz et al.	05/16/2000	111 2 0 000
NN		6,425,035	B2	Geoffrey B. Hoese et al.	07/23/2002	JUL 3 0 2003
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FOREIGN PATENT DOCUMENTS									
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r Initials*		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM- DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>	
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Examiner Signature	M. M.	Date Considered	6-14-05

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Group Art Unit	Not yet assigned				
Examiner Name	Not yet assigned				
Attorney Docket Number	112056-0009				

			U.S. PATENT DOCU	MENTS	
Examiner Ozania 1		U.S. Patent Docum	Name of Patentee or Applica		Pages, Columns, Lines, Where Relevant
Initials *	Cite No.1	Number (if know		Publication of Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
nn		5,963,962	David Hitz et al.	10/05/1999	
ww		5,819,292	David Hitz et al.	10/06/1998	
NN		6,038,570	David Hitz et al.	03/14/2000	
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	FOREIGN PATENT DOCUMENTS								
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r Initials*		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM- DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>	
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Attorney Docket Number

Substitute for form 1449A/PTO C mplete if Known Application Number 09/888,677 INFORMATION DISCLOSURE June 25, 2001 Filing Date STATEMENT BY APPLICANT First Named Inventor Sushil Kumar Gangadharan Not yet assigned Group Art Unit (use as many sheets as necessary) **Examiner Name** Not yet assigned Sheet of 2 112056-0009

U.S. PATENT DOCUMENTS								
Exeminer Initials *	Cite No. <sup>1</sup>	U.S. Patent Document  Number Kind Code <sup>2</sup> (if known)		Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
m		09/888,778		S. Gangadharan	06/25/01			
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r Initials*	Examine r Initials*	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM- Where Raley	Where Relevant Passages or Relevant Figures Appear	T <sub>o</sub>		
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Examiner Signature	1.916	Date Considered	6-14-05

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Not yet assigned

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C mplete if Known

Application Number 09/888,677

Filing Date June 25, 2001

First Named Inventor Sushil/Kumar Gangadharan

Group Art Unit Not yet assigned

(use as many sheets as necessary) Examiner Name

Sheet 2 of 2 Attorney Docket Number 112056-0009

	<del>,</del>	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
NM		IEEEE Standard for Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer of Specifications; Aggregation of Multiple Link Segments. Amendment to IEEE Std 802.3, 1998 Edition	
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